

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/002520

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01S3/789 G01K11/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01S G01K G01J G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/14587 A (SECR DEFENCE ; ANDERTON RUPERT NICHOLAS (GB); LETTINGTON ALAN HAROLD ( ) 16 March 2000 (2000-03-16) abstract page 2, paragraph 5 - page 3, paragraph 7 page 14, paragraph 5 - page 15, paragraph 3 page 18, paragraph 5 - page 20, paragraph 4 figures 7,8,14-18	1,3,4, 7-14
Y	-----	2
Y	US 2001/028436 A1 (BALCH THOMAS ET AL) 11 October 2001 (2001-10-11) abstract ----- -/-	2

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

29 November 2004

Date of mailing of the international search report

10. 12. 2004

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 077 386 A (MITSUBISHI ELECTRIC CORP) 21 February 2001 (2001-02-21) abstract paragraphs '0013! - '0018!, '0023! - '0029! figure 2	7-11
A	US 6 091 548 A (CHEN CHUNGTE W) 18 July 2000 (2000-07-18) abstract column 2, line 38 - column 5, line 50 figures 3,4	7-11

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## Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☒ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:  
1-4, 7-14
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-4, 12-14

A radiation detecting apparatus comprising a radiation detector, a polarising element and an optical corrector, wherein the optical corrector is arranged to support the polarizing element.

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2. claims: 5-6

A radiation detecting apparatus comprising a radiation detector, a polarising element and an optical corrector, wherein the optical corrector is fabricated from a material of a certain density and refractive index.

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3. claims: 7-11

A radiation detecting apparatus comprising a radiation detector, a polarising element and an optical corrector, wherein a further optical corrector is interposed between the optical corrector and the radiation detector.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/GB2004/002520

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